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ABSTRACT

This publication presents findings from two national enrollment surveys on 10 year trends in higher education enrollment by racial/ethnic category in 17 tables. The surveys used are the Higher Education General Information Survey (HEGIS) and the Integrated Postsecondary Education Data System (IPEDS). The data presented are for about 3,600 accredited postsecondary institutions in 50 states and the District of Columbia. Tables present data on the following: enrollment trends for institutions of higher education by racial/ethnic categories and by selected student and institutional characteristics; final fall enrollments in institutions of higher education by state and by racial/ethnic category for 1990, 1991, and 1992; the number of postsecondary and higher education institutions in 1992 by state; the response rates to the IPEDS fall enrollment survey; and the impact of imputation on the data. Among 12 conclusions highlighted are the following: (1) enrollment in 1992 showed an overall increase over 1982 of 17 percent with minority enrollment increasing more than enrollment by whites; (2) during this time enrollment increased 8.7 percent for Whites, 26.6 percent for Blacks, 83.9 percent for Hispanics, 98.5 percent for Asians or Pacific Islanders, 35.1 percent for American Indians or Alaskan Natives, and 38.3 percent for nonresident aliens. (JB)

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Trends in Enrollment in Higher Education, by Racial/Ethnic Category: Fall 1982 Through Fall 1992

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Trends in Enrollment in Higher Education, by Racial/Ethnic Category: Fall 1982 Through Fall 1992

Carl M. Schmitt
Postsecondary Education Statistics Division

U.S. Department of Education
Office of Educational Research and Improvement NCES 94-104

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March 1994

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Highlights [1]

- Enrollment in higher education institutions increased by approximately 132,000 students between 1991 and 1992, an increase of only 1 percent—substantially less than the 540,000 increase (3.9 percent increase) between 1990 and 1991 (derived from table 1).

- Enrollment in public institutions accounted for nearly 80 percent of the total enrollment at institutions of higher education in 1992. About 79 to 87 percent of the blacks, Hispanics, Asian or Pacific Islanders, and American Indian or Alaskan Natives and 67 percent of the nonresident aliens enrolled in institutions of higher education were at public institutions (derived from table 1).

- Enrollment in 1992, as compared to 1982, shows an overall increase of 17 percent, with enrollment by minority students increasing more than enrollment by white, non-Hispanics. In this time period, enrollment increased 8.7 percent for white, non-Hispanics, 26.6 percent for blacks, 83.9 percent for Hispanics, 98.5 percent for Asians or Pacific Islanders, 35.1 percent for American Indians or Alaskan Natives, and 38.3 percent for nonresident aliens (derived from table 1).

- Although the comparison of 1992 and 1982 shows that enrollment at institutions of higher education by white, non-Hispanics increased by approximately 9 percent, their overall enrollment declined by 1.1 percent between 1991 and 1992. Specifically, enrollment in this period by white, non-Hispanics declined by 1.6 percent in public institutions while their enrollment increased by .6 percent in private institutions. Enrollment by male white, non-Hispanics declined by 2 percent in public institutions and by .3 percent in private institutions. Enrollment by female white, non-Hispanics, also declined by 1.2 percent at public institutions but increased by 1.5 percent at private institutions (derived from tables 1 through 1d).

- Enrollment growth by minority students continued between 1991 and 1992. Specifically, enrollment by blacks increased 4.4 percent, by Hispanics 10.1 percent, by Asians or Pacific Islanders 9.4 percent, by American Indian or Alaskan Natives 4.5 percent, and by nonresident aliens 9.9 percent (derived from table 1).

- Approximately 56 percent of all postsecondary students were enrolled full-time in the period between 1990 and 1992. Among full-time students approximately 74 percent attended public institutions and 75 percent attended 4-year institutions (derived from tables 1c, 1d, 2c, and 2d).

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[1]Percentages reported in the highlights were calculated prior to rounding while numbers reported in tables 1, 2, and 4 are rounded to the thousands. Rounding obscures differences, particularly when numbers are small.

- Of the 44 percent of all students who attended postsecondary institutions part-time in the fall of 1992, approximately 42 percent attended 2-year institutions and approximately 85 percent attended public institutions (derived from tables 1c, 1d, 2c, and 2d).

- About 53 percent of the net increase in enrollment in institutions of higher education between 1991 and 1992 occurred in 2-year institutions (71,000 of 132,000). However, during the 10-year period covered by this report, the proportion of total enrollment accounted for by 2-year institutions—approximately 39 percent—changed very little (derived from table 2).

- Women accounted for 55 percent of total enrollment in 1992 and for 82 percent of the increase in total enrollments between 1991 and 1992 (derived from table 3).

- Undergraduate enrollment in higher education increased 15 percent between 1982 and 1992, and 1 percent between 1991 and 1992. From 1991 to 1992, enrollment at the undergraduate level by white, non-Hispanics declined, while it increased for blacks, Hispanics, Asians or Pacific Islanders, American Indians or Alaskan Natives, and nonresident aliens (derived from table 4).

- Graduate enrollment increased by 35 percent between 1982 and 1992 and by approximately 1.9 percent between 1991 and 1992. Between 1991 and 1992, graduate enrollment by minorities and nonresident aliens increased by approximately 5.4 percent and enrollment by white, non-Hispanics increased by less than 1 percent (derived from table 4).

- First-professional enrollment has not changed dramatically over time. The number enrolled in 1992—281,000—approximates the 1991 level, the largest since 1982 when enrollment was at 278,000. The continued decline in enrollment by white, non-Hispanic first-professional students (from 246,000 to 221,000 between 1982 and 1992) has been offset primarily by increased enrollment by blacks, Hispanics, Asian or Pacific Islanders, and nonresident aliens (derived from table 4).

Contents

Page

Highlights iii

Introduction 1

Tables

Table 1. Total enrollment in institutions of higher education in 50 states and the District of Columbia, by control of institution and race/ethnicity: Fall 1982 through fall 1992 2

Table 1a. Male enrollment in institutions of higher education in 50 states and the District of Columbia, by control of institution and race/ethnicity: Fall 1990 through fall 1992 3

Table 1b. Female enrollment in institutions of higher education in 50 states and the District of Columbia, by control of institution and race/ethnicity: Fall 1990 through fall 1992 3

Table 1c. Full-time enrollment in institutions of higher education in 50 states and the District of Columbia, by control of institution and race/ethnicity: Fall 1990 through fall 1992 4

Table 1d. Part-time enrollment in institutions of higher education in 50 states and the District of Columbia, by control of institution and race/ethnicity: Fall 1990 through fall 1992 4

Table 2. Total enrollment in institutions of higher education in 50 states and the District of Columbia, by level of institution and race/ethnicity: Fall 1982 through fall 1992 5

Table 2a. Male enrollment in institutions of higher education in 50 states and the District of Columbia, by level of institution and race/ethnicity: Fall 1990 through fall 1992 6

Table 2b. Female enrollment in institutions of higher education in 50 states and the District of Columbia, by level of institution and race/ethnicity: Fall 1990 through fall 1992 6

Table 2c. Full-time enrollment in institutions of higher education in 50 states and the District of Columbia, by level of institution and race/ethnicity: Fall 1990 through fall 1992 7

Table 2d. Part-time enrollment in institutions of higher education in 50 states and the District of Columbia, by level of institution and race/ethnicity: Fall 1990 through fall 1992 7

Table 3. Total enrollment in institutions of higher education in 50 states and the District of Columbia, by sex and race/ethnicity: Fall 1990 through fall 1992 8

Table 3a. Full-time enrollment in institutions of higher education in 50 states and the District of Columbia, by sex and race/ethnicity: Fall 1990 through fall 1992 9

Table 3b. Part-time enrollment in institutions of higher education in 50 states and the District of Columbia, by sex and race/ethnicity: Fall 1990 through fall 1992 9

Table 4. Total enrollment in institutions of higher education in 50 states and the District of Columbia, by level of study and race/ethnicity: Fall 1982 through fall 1992 10

Table 5a. Fall enrollment in institutions of higher education, by state and race/ethnicity: Fall 1990 11

Table 5b. Fall enrollment in institutions of higher education, by state and race/ethnicity: Fall 1991 12

Table 5c. Fall enrollment in institutions of higher education, by state and race/ethnicity: Fall 1992 13

Table 6. Total number of higher education institutions in 50 states and the District of Columbia: Fall 1992 14

Table 7. Percentage of HEGIS institutions responding to 1992 IPEDS Fall Enrollment survey 15

Table 8. Percentage of IPEDS enrollment data imputed, by state and control of institution: Fall 1992 16

Technical Notes **17**

Introduction

This E.D. TABS presents findings from two institutional-based postsecondary education fall enrollment surveys conducted by the National Center for Education Statistics: the Higher Education General Information Survey (HEGIS), and the Integrated Postsecondary Education Data System (IPEDS) surveys which replaced HEGIS in 1986. HEGIS contains biennial enrollment data by racial/ethnic category from 1976 to 1984. Since 1990, the race/ethnicity data have been reported annually, reflecting a change in the reporting cycle. The IPEDS data reported here pertain only to institutions accredited at the higher education level.

Seventeen tables included in this report summarize the fall enrollment information. The data presented are limited to approximately 3,600 postsecondary institutions accredited at the higher education level in the 50 states and the District of Columbia. Tables 1 through 4a show enrollment trends for institutions of higher education by racial/ethnic categories and by selected student and institutional characteristics. Tables 5a, 5b, and 5c include final fall enrollment in institutions of higher education, by state and by racial/ethnic category for 1990, 1991, and 1992. Tables 6 through 8 show the number of higher education institutions in the 50 states and the District of Columbia for 1992, the response rates to the IPEDS fall enrollment survey, and the impact of imputation on the data.

Table 1.--Total enrollment in institutions of higher education in 50 states and the District of Columbia, by control of institution and race/ethnicity: Fall 1982 through fall 1992

Control of institution and race/ethnicity	1982	1984	1986	1988	1990	1991	1992
	Number, in thousands						
All institutions	12,388	12,235	12,504	13,043	13,819	14,359	14,491
White, non-Hispanic	9,997	9,815	9,921	10,283	10,722	10,990	10,870
Black, non-Hispanic	1,101	1,076	1,082	1,130	1,247	1,335	1,393
Hispanic	519	535	618	680	782	867	954
Asian or Pacific Islander	351	390	448	497	572	637	697
American Indian or Alaskan Native	88	84	90	93	103	114	119
Nonresident alien	331	335	345	361	391	416	458
Public	9,695	9,458	9,714	10,156	10,845	11,310	11,388
White, non-Hispanic	7,785	7,543	7,654	7,964	8,385	8,622	8,487
Black, non-Hispanic	873	844	854	881	976	1,053	1,101
Hispanic	446	456	532	587	671	742	822
Asian or Pacific Islander	296	323	371	406	461	516	566
American Indian or Alaskan Native	77	72	79	81	90	100	103
Nonresident alien	219	219	224	238	260	275	309
Private	2,693	2,777	2,790	2,887	2,974	3,049	3,104
White, non-Hispanic	2,212	2,272	2,267	2,319	2,337	2,368	2,383
Black, non-Hispanic	228	232	228	248	271	282	292
Hispanic	74	79	86	93	111	125	133
Asian or Pacific Islander	55	67	77	91	111	121	131
American Indian or Alaskan Native	10	11	11	11	12	14	16
Nonresident alien	113	116	120	123	131	141	148
	Percentage Distribution						
All institutions	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	80.7	80.2	79.3	78.8	77.6	76.5	75.0
Black, non-Hispanic	8.9	8.8	8.7	8.7	9.0	9.3	9.6
Hispanic	4.2	4.4	4.9	5.2	5.7	6.0	6.6
Asian or Pacific Islander	2.8	3.2	3.6	3.8	4.1	4.4	4.8
American Indian or Alaskan Native	0.7	0.7	0.7	0.7	0.7	0.8	0.8
Nonresident alien	2.7	2.7	2.8	2.8	2.8	2.9	3.2
Public	78.3	77.3	77.7	77.9	78.5	78.8	78.6
White, non-Hispanic	62.8	61.7	61.2	61.1	60.7	60.0	58.6
Black, non-Hispanic	7.0	6.9	6.8	6.8	7.1	7.3	7.6
Hispanic	3.6	3.7	4.3	4.5	4.9	5.2	5.7
Asian or Pacific Islander	2.4	2.6	3.0	3.1	3.3	3.6	3.9
American Indian or Alaskan Native	0.6	0.6	0.6	0.6	0.7	0.7	0.7
Nonresident alien	1.8	1.8	1.8	1.8	1.9	1.9	2.1
Private	21.7	22.7	22.3	22.1	21.5	21.2	21.4
White, non-Hispanic	17.9	18.6	18.1	17.8	16.9	16.5	16.4
Black, non-Hispanic	1.8	1.9	1.8	1.9	2.0	2.0	2.0
Hispanic	0.6	0.6	0.7	0.7	0.8	0.9	0.9
Asian or Pacific Islander	0.4	0.5	0.6	0.7	0.8	0.8	0.9
American Indian or Alaskan Native	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nonresident alien	0.9	0.9	1.0	0.9	1.0	1.0	1.0

NOTE: Because of underreporting/nonreporting of racial/ethnic data, data prior to 1986 were estimated, when possible. See Technical Notes for a discussion of imputation procedures used for underreported and nonreported racial/ethnic data since 1984. Also 1990 and 1991 data may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey, "Fall Enrollment in Colleges and Universities" (1982 and 1984) and Integrated Postsecondary Education Data System, "Fall Enrollment" surveys for 1986, 1988, 1990, 1991, and 1992.

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Table 1a.--Male enrollment in institutions of higher education in 50 states and the District of Columbia, by control of institution and race/ethnicity: Fall 1990 through fall 1992

Control of institution and race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
Public	4,875,011	5,066,356	5,076,054	100.0	100.0	100.0
White, non-Hispanic	3,759,700	3,853,019	3,776,697	77.1	76.1	74.4
Black, non-Hispanic	374,974	403,772	418,130	7.7	8.0	8.2
Hispanic	302,929	333,410	366,814	6.2	6.6	7.2
Asian or Pacific Islander	236,407	263,127	284,840	4.8	5.2	5.6
American Indian or Alaskan Native	37,594	41,724	43,106	0.8	0.8	0.8
Nonresident alien	163,407	171,304	186,467	3.4	3.4	3.7
Private	1,408,898	1,435,488	1,450,035	100.0	100.0	100.0
White, non-Hispanic	1,101,285	1,109,189	1,105,759	78.2	77.3	76.3
Black, non-Hispanic	109,724	113,235	118,959	7.8	7.9	8.2
Hispanic	50,991	57,135	60,556	3.6	4.0	4.2
Asian or Pacific Islander	58,493	61,989	66,478	4.2	4.3	4.6
American Indian or Alaskan Native	5,535	5,892	6,945	0.4	0.4	0.5
Nonresident alien	82,870	88,048	91,338	5.9	6.1	6.3

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment" surveys for 1990, 1991, and 1992.

Table 1b.--Female enrollment in institutions of higher education in 50 states and the District of Columbia, by control of institution and race/ethnicity: Fall 1990 through fall 1992

Control of institution and race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
Public	5,969,706	6,243,207	6,311,671	100.0	100.0	100.0
White, non-Hispanic	4,625,746	4,769,196	4,710,219	77.5	76.4	74.6
Black, non-Hispanic	601,466	649,682	682,963	10.1	10.4	10.8
Hispanic	368,519	408,653	454,911	6.2	6.5	7.2
Asian or Pacific Islander	224,557	253,174	280,822	3.8	4.1	4.4
American Indian or Alaskan Native	52,795	58,469	59,805	0.9	0.9	0.9
Nonresident alien	96,623	104,035	122,951	1.6	1.7	1.9
Private	1,565,022	1,613,902	1,653,466	100.0	100.0	100.0
White, non-Hispanic	1,235,729	1,258,374	1,277,362	79.0	78.0	77.3
Black, non-Hispanic	160,875	168,699	173,431	10.3	10.5	10.5
Hispanic	60,010	67,374	72,141	3.8	4.2	4.4
Asian or Pacific Islander	52,983	58,861	64,672	3.4	3.6	3.9
American Indian or Alaskan Native	6,869	7,628	8,989	0.4	0.5	0.5
Nonresident alien	48,556	52,966	56,871	3.1	3.3	3.4

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment" surveys for 1990, 1991, and 1992.

Table 1c.--Full-time enrollment in institutions of higher education in 50 states and the District of Columbia, by control of institution and race/ethnicity: Fall 1990 through fall 1992

Control of institution and race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
Public	5,750,497	5,974,577	6,014,360	100.0	100.0	100.0
White, non-Hispanic	4,426,238	4,527,091	4,473,647	77.0	75.8	74.4
Black, non-Hispanic	523,326	569,439	589,700	9.1	9.5	9.8
Hispanic	312,138	346,232	376,610	5.4	5.8	6.3
Asian or Pacific Islander	260,762	287,821	311,032	4.5	4.8	5.2
American Indian or Alaskan Native	45,931	51,703	54,666	0.8	0.9	0.9
Nonresident alien	182,102	192,291	208,705	3.2	3.2	3.5
Private	2,070,488	2,140,752	2,150,958	100.0	100.0	100.0
White, non-Hispanic	1,590,219	1,618,414	1,606,754	76.8	75.6	74.7
Black, non-Hispanic	195,021	208,508	211,607	9.4	9.7	9.8
Hispanic	82,609	93,504	97,831	4.0	4.4	4.5
Asian or Pacific Islander	86,608	94,434	102,392	4.2	4.4	4.8
American Indian or Alaskan Native	8,511	9,457	10,449	0.4	0.4	0.5
Nonresident alien	107,520	116,435	121,925	5.2	5.4	5.7

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" surveys for 1990, 1991, and 1992.

Table 1d.--Part-time enrollment in institutions of higher education in 50 states and the District of Columbia, by control of institution and race/ethnicity: Fall 1990 through fall 1992

Control of institution and race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
Public	5,094,220	5,334,986	5,373,365	100.0	100.0	100.0
White, non-Hispanic	3,959,208	4,095,122	4,013,269	77.7	76.8	74.7
Black, non-Hispanic	453,114	484,015	511,393	8.9	9.1	9.5
Hispanic	359,310	395,831	445,115	7.1	7.4	8.3
Asian or Pacific Islander	200,202	228,480	254,630	3.9	4.3	4.7
American Indian or Alaskan Native	44,458	48,490	48,245	0.9	0.9	0.9
Nonresident alien	77,928	83,048	100,713	1.5	1.6	1.9
Private	903,432	908,638	952,543	100.0	100.0	100.0
White, non-Hispanic	746,795	749,149	776,367	82.7	82.4	81.5
Black, non-Hispanic	75,578	73,426	80,783	8.4	8.1	8.5
Hispanic	28,392	31,005	34,866	3.1	3.4	3.7
Asian or Pacific Islander	24,868	26,416	28,758	2.8	2.9	3.0
American Indian or Alaskan Native	3,893	4,063	5,485	0.4	0.4	0.6
Nonresident alien	23,906	24,579	26,284	2.6	2.7	2.8

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" surveys for 1990, 1991, and 1992.

Table 2.—Total enrollment in institutions of higher education in 50 states and the District of Columbia, by level of institution and race/ethnicity: Fall 1982 through fall 1992

Level of institution and race/ethnicity	1982	1984	1986	1988	1990	1991	1992
	Number, in thousands						
All institutions	12,388	12,235	12,504	13,043	13,819	14,359	14,491
White, non-Hispanic	9,997	9,815	9,921	10,283	10,722	10,990	10,870
Black, non-Hispanic	1,101	1,076	1,082	1,130	1,247	1,335	1,393
Hispanic	519	535	618	680	782	867	954
Asian or Pacific Islander	351	390	448	497	572	637	697
American Indian or Alaskan Native	88	84	90	93	103	114	119
Nonresident alien	331	335	345	361	391	416	458
4-year institutions	7,648	7,707	7,824	8,175	8,579	8,707	8,768
White, non-Hispanic	6,306	6,301	6,337	6,582	6,768	6,791	6,747
Black, non-Hispanic	612	617	615	656	723	758	791
Hispanic	229	246	278	296	358	383	410
Asian or Pacific Islander	193	223	262	297	357	381	408
American Indian or Alaskan Native	39	38	40	42	48	51	55
Nonresident alien	270	282	292	302	324	343	357
2-year institutions	4,740	4,528	4,680	4,868	5,240	5,652	5,723
White, non-Hispanic	3,692	3,514	3,584	3,702	3,954	4,199	4,123
Black, non-Hispanic	489	459	467	473	524	578	602
Hispanic	291	289	340	384	424	484	545
Asian or Pacific Islander	158	167	186	199	215	256	289
American Indian or Alaskan Native	49	46	51	50	55	63	64
Nonresident alien	61	53	53	60	67	74	100
	Percentage Distribution						
All institutions	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	80.7	80.2	79.3	78.8	77.6	76.5	75.0
Black, non-Hispanic	8.9	8.8	8.7	8.7	9.0	9.3	9.6
Hispanic	4.2	4.4	4.9	5.2	5.7	6.0	6.6
Asian or Pacific Islander	2.8	3.2	3.6	3.8	4.1	4.4	4.8
American Indian or Alaskan Native	0.7	0.7	0.7	0.7	0.7	0.8	0.8
Nonresident alien	2.7	2.7	2.8	2.8	2.8	2.9	3.2
4-year institutions	61.7	63.0	62.6	62.7	62.1	60.6	60.5
White, non-Hispanic	50.9	51.5	50.7	50.5	49.0	47.3	46.6
Black, non-Hispanic	4.9	5.0	4.9	5.0	5.2	5.3	5.5
Hispanic	1.8	2.0	2.2	2.3	2.6	2.7	2.8
Asian or Pacific Islander	1.6	1.8	2.1	2.3	2.6	2.7	2.8
American Indian or Alaskan Native	0.3	0.3	0.3	0.3	0.3	0.4	0.4
Nonresident alien	2.2	2.3	2.3	2.3	2.3	2.4	2.5
2-year institutions	38.3	37.0	37.4	37.3	37.9	39.4	39.5
White, non-Hispanic	29.8	28.7	28.7	28.4	28.6	29.2	28.5
Black, non-Hispanic	3.9	3.8	3.7	3.6	3.8	4.0	4.2
Hispanic	2.3	2.4	2.7	2.9	3.1	3.4	3.8
Asian or Pacific Islander	1.3	1.4	1.5	1.5	1.6	1.8	2.0
American Indian or Alaskan Native	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Nonresident alien	0.5	0.4	0.4	0.5	0.5	0.5	0.7

NOTE: Because of underreporting/nonreporting of racial/ethnic data, data prior to 1986 were estimated, when possible. *See* Technical Notes for a discussion of imputation procedures used for underreported and nonreported racial/ethnic data since 1984. Also 1990 and 1991 data may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey "Fall Enrollment in Colleges and Universities" (1982 and 1984) and Integrated Postsecondary Education Data System, "Fall Enrollment" surveys for 1986, 1988, 1990, 1991, and 1992.

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Table 2a.—Male enrollment in institutions of higher education in 50 states and the District of Columbia, by level of institution and race/ethnicity: Fall 1990 through fall 1992

Level of study and race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
All institutions	6,283,909	6,501,844	6,526,089	100.0	100.0	100.0
White, non-Hispanic	4,860,985	4,962,208	4,882,456	77.4	76.3	74.8
Black, non-Hispanic	484,698	517,007	537,089	7.7	8.0	8.2
Hispanic	353,920	390,545	427,370	5.6	6.0	6.5
Asian or Pacific Islander	294,900	325,116	351,318	4.7	5.0	5.4
American Indian or Alaskan Native	43,129	47,616	50,051	0.7	0.7	0.8
Nonresident alien	246,277	259,352	277,805	3.9	4.0	4.3
4-year institutions	4,051,140	4,099,934	4,112,332	64.5	63.1	63.0
White, non-Hispanic	3,181,267	3,183,017	3,150,598	50.6	49.0	48.3
Black, non-Hispanic	285,784	299,503	314,062	4.5	4.6	4.8
Hispanic	164,771	176,310	186,585	2.6	2.7	2.9
Asian or Pacific Islander	187,360	197,952	209,836	3.0	3.0	3.2
American Indian or Alaskan Native	20,559	21,858	23,766	0.3	0.3	0.4
Nonresident alien	211,399	221,294	227,485	3.4	3.4	3.5
2-year institutions	2,232,769	2,401,910	2,413,757	35.5	36.9	37.0
White, non-Hispanic	1,679,718	1,779,191	1,731,858	26.7	27.4	26.5
Black, non-Hispanic	198,914	217,504	223,027	3.2	3.3	3.4
Hispanic	189,149	214,235	240,785	3.0	3.3	3.7
Asian or Pacific Islander	107,540	127,164	141,482	1.7	2.0	2.2
American Indian or Alaskan Native	22,570	25,758	26,285	0.4	0.4	0.4
Nonresident alien	34,878	38,058	50,320	0.6	0.6	0.8

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" surveys for 1990, 1991, and 1992.

Table 2b.—Female enrollment in institutions of higher education in 50 states and the District of Columbia, by level of institution and race/ethnicity: Fall 1990 through fall 1992

Level of study and race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
All institutions	7,534,728	7,857,109	7,965,137	100.0	100.0	100.0
White, non-Hispanic	5,861,475	6,027,568	5,987,581	77.8	76.7	75.2
Black, non-Hispanic	762,341	818,381	856,394	10.1	10.4	10.8
Hispanic	428,529	476,027	527,052	5.7	6.1	6.6
Asian or Pacific Islander	277,340	312,035	345,494	3.7	4.0	4.3
American Indian or Alaskan Native	59,664	66,097	68,794	0.8	0.8	0.9
Nonresident alien	145,179	157,001	179,822	1.9	2.0	2.3
4-year institutions	4,527,414	4,607,119	4,655,650	60.1	58.6	58.5
White, non-Hispanic	3,586,864	3,607,936	3,596,325	47.6	45.9	45.2
Black, non-Hispanic	436,980	458,255	477,430	5.8	5.8	6.0
Hispanic	193,437	206,560	223,294	2.6	2.6	2.8
Asian or Pacific Islander	169,864	183,536	197,729	2.3	2.3	2.5
American Indian or Alaskan Native	27,323	29,289	31,118	0.4	0.4	0.4
Nonresident alien	112,946	121,543	129,754	1.5	1.5	1.6
2-year institutions	3,007,314	3,249,990	3,309,487	39.9	41.4	41.5
White, non-Hispanic	2,274,611	2,419,632	2,391,256	30.2	30.8	30.0
Black, non-Hispanic	325,361	360,126	378,964	4.3	4.6	4.8
Hispanic	235,092	269,467	303,758	3.1	3.4	3.8
Asian or Pacific Islander	107,676	128,499	147,765	1.4	1.6	1.9
American Indian or Alaskan Native	32,341	36,808	37,676	0.4	0.5	0.5
Nonresident alien	32,233	35,458	50,068	0.4	0.5	0.6

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" surveys for 1990, 1991, and 1992.

Table 2c.—Full- time enrollment in institutions of higher education in 50 states and the District of Columbia, by level of institution and race/ethnicity: Fall 1990 through fall 1992

Level of institution and race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
4-year institutions	5,937,023	6,040,799	6,083,212	100.0	100.0	100.0
White, non-Hispanic	4,623,839	4,641,652	4,603,544	77.9	76.8	75.7
Black, non-Hispanic	508,731	538,170	561,967	8.6	8.9	9.2
Hispanic	265,983	265,296	285,792	4.1	4.4	4.7
Asian or Pacific Islander	271,939	291,122	312,574	4.6	4.8	5.1
American Indian or Alaskan Native	33,010	35,521	38,314	0.6	0.6	0.6
Nonresident alien	253,521	269,038	281,021	4.3	4.5	4.6
2-year institutions	1,883,962	2,074,530	2,082,106	100.0	100.0	100.0
White, non-Hispanic	1,392,618	1,503,853	1,476,857	73.9	72.5	70.9
Black, non-Hispanic	209,616	239,777	239,340	11.1	11.6	11.5
Hispanic	148,764	174,440	188,649	7.9	8.4	9.1
Asian or Pacific Islander	75,431	91,133	100,850	4.0	4.4	4.8
American Indian or Alaskan Native	21,432	25,639	26,801	1.1	1.2	1.3
Nonresident alien	36,101	39,688	49,609	1.9	1.9	2.4

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" surveys for 1990, 1991, and 1992.

Table 2d.—Part- time enrollment in institutions of higher education in 50 states and the District of Columbia, by level of institution and race/ethnicity: Fall 1990 through fall 1992

Level of institution and race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
4-year institutions	2,641,531	2,666,254	2,684,770	100.0	100.0	100.0
White, non-Hispanic	2,144,292	2,149,301	2,143,379	81.2	80.6	79.8
Black, non-Hispanic	214,033	219,588	229,525	8.1	8.2	8.5
Hispanic	112,225	117,574	124,087	4.2	4.4	4.6
Asian or Pacific Islander	85,285	90,366	94,991	3.2	3.4	3.5
American Indian or Alaskan Native	14,872	15,626	16,570	0.6	0.6	0.6
Nonresident alien	70,824	73,799	76,218	2.7	2.8	2.8
2-year institutions	3,356,121	3,577,370	3,641,138	100.0	100.0	100.0
White, non-Hispanic	2,561,711	2,694,970	2,646,257	76.3	75.3	72.7
Black, non-Hispanic	314,659	337,853	362,651	9.4	9.4	10.0
Hispanic	275,477	309,262	355,894	8.2	8.6	9.8
Asian or Pacific Islander	139,785	164,530	188,397	4.2	4.6	5.2
American Indian or Alaskan Native	33,479	36,927	37,160	1.0	1.0	1.0
Nonresident alien	31,010	33,828	50,779	0.9	0.9	1.4

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" surveys for 1990, 1991, and 1992.

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Table 3.–Total enrollment in institutions of higher education in 50 states and the District of Columbia, by sex and race/ethnicity: Fall 1990 through fall 1992

Sex and Race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
All Students	13,818,637	14,358,953	14,491,226	N/A	N/A	N/A
Male	6,283,909	6,501,844	6,526,089	100.0	100.0	100.0
White, non-Hispanic	4,860,985	4,962,208	4,882,456	77.4	76.3	74.8
Black, non-Hispanic	484,698	517,007	537,089	7.7	8.0	8.2
Hispanic	353,920	390,545	427,370	5.6	6.0	6.5
Asian or Pacific Islander	294,900	325,116	351,318	4.7	5.0	5.4
American Indian or Alaskan Native	43,129	47,616	50,051	0.7	0.7	0.8
Nonresident alien	246,277	259,352	277,805	3.9	4.0	4.3
Female	7,534,728	7,857,109	7,965,137	100.0	100.0	100.0
White, non-Hispanic	5,861,475	6,027,568	5,987,581	77.8	76.7	75.2
Black, non-Hispanic	762,341	818,381	856,394	10.1	10.4	10.8
Hispanic	428,529	476,027	527,052	5.7	6.1	6.6
Asian or Pacific Islander	277,540	312,035	345,494	3.7	4.0	4.3
American Indian or Alaskan Native	59,664	66,097	68,794	0.8	0.8	0.9
Nonresident alien	145,179	157,001	179,822	1.9	2.0	2.3

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

N/A - Not applicable

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" surveys for 1990, 1991, and 1992.

Table 3a.--Full-time enrollment in institutions of higher education in 50 states and the District of Columbia, by sex and race/ethnicity: Fall 1990 through fall 1992

Sex and Race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
Male	3,807,752	3,929,375	3,928,491	100.0	100.0	100.0
White, non-Hispanic	2,937,470	2,986,796	2,938,088	77.1	76.0	74.8
Black, non-Hispanic	295,074	318,291	325,532	7.7	8.1	8.3
Hispanic	181,857	201,918	217,214	4.8	5.1	5.5
Asian or Pacific Islander	182,355	198,669	212,710	4.8	5.1	5.4
American Indian or Alaskan Native	24,284	26,905	28,756	0.6	0.7	0.7
Nonresident alien	186,712	196,796	206,191	4.9	5.0	5.2
Female	4,013,233	4,185,954	4,236,827	100.0	100.0	100.0
White, non-Hispanic	3,078,987	3,158,709	3,142,313	76.7	75.5	74.2
Black, non-Hispanic	423,273	459,656	475,775	10.5	11.0	11.2
Hispanic	212,890	237,818	257,227	5.3	5.7	6.1
Asian or Pacific Islander	165,015	183,586	200,714	4.1	4.4	4.7
American Indian or Alaskan Native	30,158	34,255	36,359	0.8	0.8	0.9
Nonresident alien	102,910	111,930	124,439	2.6	2.7	2.9

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" surveys for 1990, 1991, and 1992.

Table 3b.--Part-time enrollment in institutions of higher education in 50 states and the District of Columbia, by sex and race/ethnicity: Fall 1990 through fall 1992

Sex and Race/ethnicity	Number			Percentage Distribution		
	1990	1991	1992	1990	1991	1992
Male	2,476,157	2,572,469	2,597,598	100.0	100.0	100.0
White, non-Hispanic	1,923,515	1,975,412	1,944,368	77.7	76.8	74.9
Black, non-Hispanic	189,624	198,716	211,557	7.7	7.7	8.1
Hispanic	172,063	188,627	210,156	6.9	7.3	8.1
Asian or Pacific Islander	112,545	126,447	138,608	4.5	4.9	5.3
American Indian or Alaskan Native	18,845	20,711	21,295	0.8	0.8	0.8
Nonresident alien	59,565	62,556	71,614	2.4	2.4	2.8
Female	3,521,495	3,671,155	3,728,310	100.0	100.0	100.0
White, non-Hispanic	2,782,488	2,868,859	2,845,268	79.0	78.1	76.3
Black, non-Hispanic	339,068	358,725	380,619	9.6	9.8	10.2
Hispanic	215,639	238,209	269,825	6.1	6.5	7.2
Asian or Pacific Islander	112,525	128,449	144,780	3.2	3.5	3.9
American Indian or Alaskan Native	29,506	31,842	32,435	0.8	0.9	0.9
Nonresident alien	42,269	45,071	55,383	1.2	1.2	1.5

NOTE: Data for 1990 and 1991 may differ from that in prior publications due to corrections and the addition of late data. Detail may not sum to total due to rounding.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" surveys for 1990, 1991, and 1992.

Table 4.--Total enrollment in institutions of higher education in 50 states and the District of Columbia, by level of study and race/ethnicity: Fall 1982 through fall 1992

Level of study and race/ethnicity	1982	1984	1986	1988	1990	1991	1992
	Number, in thousands						
Undergraduate enrollment	10,875	10,610	10,798	11,304	11,959	12,439	12,540
White, non-Hispanic	8,749	8,484	8,558	8,907	9,273	9,508	9,381
Black, non-Hispanic	1,028	995	996	1,039	1,147	1,229	1,281
Hispanic	485	495	563	631	725	804	887
Asian or Pacific Islander	313	343	393	437	501	559	613
American Indian or Alaskan Native	82	78	83	86	95	106	110
Nonresident alien	220	216	205	205	219	234	268
Graduate enrollment	1,235	1,344	1,435	1,472	1,586	1,639	1,670
White, non-Hispanic	1,002	1,087	1,133	1,153	1,228	1,258	1,268
Black, non-Hispanic	61	67	72	76	84	89	94
Hispanic	27	32	46	39	47	51	55
Asian or Pacific Islander	30	37	43	46	53	58	62
American Indian or Alaskan Native	5	5	5	6	6	7	7
Nonresident alien	108	115	136	151	167	177	184
First-professional enrollment	278	278	270	267	274	281	281
White, non-Hispanic	246	243	231	223	222	224	221
Black, non-Hispanic	13	13	14	14	16	17	18
Hispanic	7	8	9	9	11	11	12
Asian or Pacific Islander	8	9	11	14	19	21	23
American Indian or Alaskan Native	1	1	1	1	1	1	1
Nonresident alien	3	3	4	5	5	6	6
	Percentage Distribution						
Undergraduate enrollment	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	80.5	80.0	79.3	78.8	77.5	76.4	74.8
Black, non-Hispanic	9.4	9.4	9.2	9.2	9.6	9.9	10.2
Hispanic	4.5	4.7	5.2	5.6	6.1	6.5	7.1
Asian or Pacific Islander	2.9	3.2	3.6	3.9	4.2	4.5	4.9
American Indian or Alaskan Native	0.8	0.7	0.8	0.8	0.8	0.9	0.9
Nonresident alien	2.0	2.0	1.9	1.8	1.8	1.9	2.1
Graduate enrollment	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	81.1	80.9	78.9	78.4	77.4	76.7	76.0
Black, non-Hispanic	4.9	5.0	5.0	5.2	5.3	5.4	5.6
Hispanic	2.2	2.4	3.2	2.7	3.0	3.1	3.3
Asian or Pacific Islander	2.5	2.8	3.0	3.1	3.4	3.5	3.7
American Indian or Alaskan Native	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Nonresident alien	8.8	8.6	9.5	10.3	10.5	10.8	11.0
First-professional enrollment	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	88.5	87.4	85.3	83.6	81.0	79.8	78.5
Black, non-Hispanic	4.7	4.8	5.2	5.4	5.8	6.1	6.5
Hispanic	2.5	2.9	3.4	3.5	4.0	4.1	4.3
Asian or Pacific Islander	2.9	3.4	4.2	5.4	6.9	7.4	8.0
American Indian or Alaskan Native	0.4	0.4	0.4	0.4	0.4	0.5	0.5
Nonresident alien	1.1	1.2	1.5	1.8	2.0	2.0	2.2

NOTE: Because of underreporting/nonreporting of racial/ethnic data, data prior to 1986 were estimated, when possible. See the Technical Notes for a discussion of imputation procedures used for underreported and nonreported racial/ethnic data since 1984. Also, 1990 and 1991 data may differ slightly from that in prior publications due to corrections and the addition of late data. Due to rounding, detail may not add to totals.

Source: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey "Fall Enrollment in Colleges and Universities" (1982 and 1984) and Integrated Postsecondary Education Data System "Fall Enrollment" surveys for 1986, 1988, 1990, 1991, and 1992.

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Table 5a.--Fall enrollment in institutions of higher education, by state and race/ethnicity: Fall 1990

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian or Alaskan Native	Nonresident alien
Total	13,818,637	10,722,460	1,247,039	782,449	572,440	102,793	391,456
Alabama	248,156	191,774	48,348	1,138	1,711	593	4,592
Alaska	29,833	24,264	1,079	634	740	2,648	468
Arizona	264,148	204,873	7,604	29,827	6,106	8,843	6,895
Arkansas	90,425	75,157	12,188	431	740	438	1,471
California	1,810,489	1,142,815	118,399	233,522	227,362	21,301	67,090
Colorado	231,547	194,943	6,943	17,319	5,417	2,315	4,610
Connecticut	169,554	144,332	9,955	5,651	4,364	432	4,820
Delaware	42,004	35,155	4,710	546	710	99	784
District of Columbia	80,156	40,968	24,421	2,405	3,237	266	8,859
Florida	588,086	431,001	61,021	65,876	12,097	1,940	16,151
Georgia	251,786	189,163	49,204	2,740	4,241	548	5,890
Hawaii	56,436	16,695	1,532	1,065	32,920	205	4,019
Idaho	51,881	48,024	310	1,004	706	485	1,352
Illinois	729,246	541,347	89,218	48,932	32,353	2,245	15,151
Indiana	284,832	252,137	15,740	4,532	4,015	805	7,603
Iowa	170,515	155,204	4,044	1,587	2,430	441	6,809
Kansas	163,836	143,378	6,842	3,553	2,717	1,972	5,374
Kentucky	177,852	162,549	10,491	738	1,343	506	2,225
Louisiana	186,840	130,341	44,848	3,477	2,670	858	4,646
Maine	57,186	55,487	296	195	418	398	392
Maryland	264,862	195,079	44,582	5,026	11,694	852	7,629
Massachusetts	417,833	348,206	18,474	12,620	16,281	1,198	21,054
Michigan	569,803	475,505	56,786	9,094	10,693	3,547	14,178
Minnesota	253,789	235,231	4,143	1,936	4,948	2,002	5,529
Mississippi	122,883	85,699	33,699	395	783	377	1,930
Missouri	289,899	251,010	23,159	3,442	4,589	1,135	6,564
Montana	35,876	32,200	114	280	120	2,427	735
Nebraska	112,831	104,620	2,723	1,559	1,178	729	2,022
Nevada	61,728	50,910	2,931	3,408	2,559	1,043	877
New Hampshire	59,510	56,522	669	490	760	229	840
New Jersey	324,286	241,950	33,130	21,671	14,447	772	12,316
New Mexico	85,500	52,511	2,171	23,604	1,115	4,597	1,502
New York	1,053,511	756,578	122,065	80,162	51,041	3,148	40,517
North Carolina	352,138	274,009	62,043	2,529	5,621	3,084	4,852
North Dakota	37,878	34,380	246	195	285	1,616	1,156
Ohio	558,605	482,782	47,079	5,632	7,539	1,533	14,040
Oklahoma	173,221	140,865	11,816	2,635	2,904	9,609	5,392
Oregon	165,741	144,221	2,251	3,125	6,712	1,776	7,656
Pennsylvania	604,060	523,157	44,009	7,709	13,588	1,011	14,586
Rhode Island	78,273	69,974	2,558	1,606	1,891	222	2,022
South Carolina	159,302	122,964	31,177	911	1,494	334	2,422
South Dakota	34,208	31,106	250	94	198	1,912	648
Tennessee	226,238	186,541	31,240	1,302	2,283	476	4,396
Texas	901,437	617,626	80,458	148,296	27,907	3,006	24,144
Utah	121,303	110,150	661	2,233	2,243	1,322	4,694
Vermont	36,398	34,178	375	428	569	131	717
Virginia	353,442	280,786	49,566	4,803	11,400	860	6,027
Washington	263,384	225,250	7,360	6,135	15,438	3,874	5,327
West Virginia	84,790	78,795	3,160	360	688	139	1,648
Wisconsin	299,774	271,096	10,667	4,692	4,991	2,050	6,278
Wyoming	31,326	28,952	284	905	184	444	557

NOTE: 1990 data may differ from that in prior publications due to corrections and the addition of late data.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" survey, 1990.

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Table 5b.—Fall enrollment in institutions of higher education, by state and race/ethnicity: Fall 1991

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian or Alaskan Native	Nonresident alien
Total	14,358,953	10,989,776	1,335,388	866,572	637,151	113,713	416,353
Alabama	258,625	197,156	52,287	1,362	1,921	892	5,007
Alaska	30,793	24,956	1,123	660	756	2,771	527
Arizona	272,971	210,204	8,410	31,931	6,606	8,806	7,014
Arkansas	94,340	77,709	13,152	590	813	547	1,529
California	2,026,145	1,257,678	138,117	272,034	260,262	24,535	73,519
Colorado	239,623	199,195	7,466	19,279	6,188	2,539	4,956
Connecticut	166,748	140,503	10,168	5,979	4,563	392	5,143
Delaware	42,988	35,548	5,035	713	839	102	751
District of Columbia	77,964	39,717	23,475	2,414	3,233	180	8,945
Florida	611,781	441,926	67,165	70,557	13,752	2,215	16,066
Georgia	277,023	203,397	57,998	3,485	5,161	652	6,330
Hawaii	57,302	16,290	1,478	1,060	33,684	189	4,601
Idaho	55,397	51,019	345	1,168	771	579	1,515
Illinois	753,297	553,422	93,662	51,886	35,250	2,309	16,768
Indiana	290,301	255,894	16,431	4,874	4,310	881	7,911
Iowa	171,024	154,169	4,259	1,891	2,691	442	7,572
Kansas	167,805	145,933	7,320	3,861	2,825	2,214	5,652
Kentucky	187,958	170,793	11,550	948	1,500	573	2,594
Louisiana	197,438	136,011	48,067	3,995	3,250	991	5,124
Maine	57,178	55,033	393	263	494	422	573
Maryland	272,995	197,127	48,481	5,472	12,793	943	8,179
Massachusetts	419,381	344,484	19,325	13,668	18,532	1,496	21,876
Michigan	568,491	473,042	55,462	9,344	11,660	3,703	15,280
Minnesota	255,054	234,036	4,874	2,310	5,759	2,098	5,977
Mississippi	125,350	86,272	35,173	447	799	397	2,262
Missouri	297,154	254,377	24,825	3,688	4,904	1,166	8,194
Montana	37,821	33,403	141	319	171	2,836	951
Nebraska	113,648	104,688	2,926	1,678	1,310	768	2,278
Nevada	62,664	51,078	3,205	3,818	2,920	930	713
New Hampshire	63,718	59,625	953	814	873	248	1,205
New Jersey	334,641	245,879	35,425	23,742	15,916	814	12,865
New Mexico	93,507	56,307	2,577	26,359	1,336	5,264	1,664
New York	1,061,753	756,135	126,192	84,063	53,639	3,436	38,288
North Carolina	371,968	287,178	67,419	3,190	5,241	3,244	5,696
North Dakota	38,739	34,582	275	222	251	1,910	1,499
Ohio	570,207	490,777	48,370	6,304	8,334	1,657	14,765
Oklahoma	183,536	146,890	12,771	3,062	3,238	11,163	6,412
Oregon	167,107	144,527	2,626	4,073	7,478	1,949	6,454
Pennsylvania	620,036	531,004	44,252	11,758	16,042	1,201	15,779
Rhode Island	79,112	69,268	2,778	1,986	2,037	257	2,786
South Carolina	164,907	126,354	32,516	1,184	1,690	345	2,818
South Dakota	36,332	33,032	290	118	239	1,979	674
Tennessee	238,042	194,412	34,684	1,593	2,642	576	4,135
Texas	917,443	617,056	84,503	155,534	30,704	3,470	26,176
Utah	130,419	118,230	710	2,682	2,267	1,319	5,211
Vermont	37,436	35,226	400	400	554	113	743
Virginia	356,325	278,071	52,056	5,521	13,069	958	6,650
Washington	274,760	230,722	9,050	7,553	17,512	4,346	5,577
West Virginia	88,602	82,390	3,159	387	770	179	1,717
Wisconsin	308,986	277,472	11,806	5,259	5,416	2,257	6,776
Wyoming	32,118	29,579	263	974	186	460	656

NOTE: 1991 data may differ from that in prior publications due to corrections and the addition of late data.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment" survey, 1991.

Table 5c.--Fall enrollment in institutions of higher education, by state and race/ethnicity: Fall 1992

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian or Alaskan Native	Nonresident alien
Total	14,491,226	10,870,037	1,393,483	954,422	696,812	118,845	457,627
Alabama	264,831	198,556	53,189	3,986	2,918	1,186	4,996
Alaska	30,902	24,682	1,143	730	799	2,852	696
Arizona	275,599	208,688	8,616	34,443	7,065	9,244	7,543
Arkansas	97,435	79,602	14,014	511	1,024	578	1,706
California	1,979,079	1,116,323	139,748	315,485	287,552	21,936	98,035
Colorado	244,520	201,220	8,044	20,336	6,760	2,680	5,480
Connecticut	166,820	138,933	11,069	6,486	5,006	414	4,912
Delaware	42,763	35,230	5,156	569	881	113	814
District of Columbia	81,909	40,934	25,156	2,648	3,742	202	9,227
Florida	618,285	435,987	72,750	75,270	15,205	2,287	16,786
Georgia	293,162	211,081	65,261	3,838	5,785	762	6,435
Hawaii	61,162	17,075	1,446	1,229	36,112	225	5,075
Idaho	57,798	52,914	333	1,305	833	630	1,783
Illinois	748,033	543,108	93,641	54,582	36,270	2,428	18,004
Indiana	296,912	260,263	17,466	5,354	4,600	1,015	8,214
Iowa	177,813	158,393	5,179	2,534	3,051	552	8,104
Kansas	169,527	145,675	7,890	4,189	3,152	2,270	6,351
Kentucky	188,320	170,235	12,026	977	1,589	592	2,901
Louisiana	204,379	139,873	50,181	4,348	3,446	1,054	5,477
Maine	57,977	54,777	666	352	632	854	696
Maryland	273,449	192,807	51,961	5,530	13,515	903	8,733
Massachusetts	422,976	342,585	20,491	15,146	20,299	1,709	22,746
Michigan	559,729	460,953	57,086	9,996	12,060	4,147	15,487
Minnesota	272,920	248,519	5,588	2,919	7,062	2,548	6,284
Mississippi	123,754	85,331	34,496	454	849	398	2,226
Missouri	296,617	252,664	25,484	4,030	5,496	1,253	7,690
Montana	39,644	33,501	133	371	214	4,240	1,185
Nebraska	122,603	111,388	3,820	2,336	1,644	800	2,615
Nevada	63,877	50,783	3,222	4,104	3,338	995	1,435
New Hampshire	63,924	59,521	722	926	1,539	238	978
New Jersey	342,446	247,458	38,001	25,702	17,075	837	13,373
New Mexico	99,276	58,534	2,933	28,577	1,462	5,675	2,095
New York	1,074,928	758,093	129,232	87,915	56,668	3,595	39,425
North Carolina	383,453	291,861	71,533	3,552	7,015	3,338	6,154
North Dakota	40,470	35,923	311	213	281	2,019	1,723
Ohio	574,064	490,826	49,944	6,733	8,880	1,829	15,852
Oklahoma	182,105	143,732	12,843	3,292	3,306	11,832	7,100
Oregon	167,415	143,921	2,651	4,033	8,285	2,184	6,341
Pennsylvania	629,832	536,620	46,317	11,109	17,951	1,326	16,509
Rhode Island	79,165	68,636	2,976	2,295	2,289	273	2,696
South Carolina	171,443	128,445	36,268	1,310	1,917	397	3,106
South Dakota	37,596	33,998	290	146	270	2,063	829
Tennessee	242,970	197,783	35,459	1,969	2,895	612	4,252
Texas	938,526	616,515	89,213	168,644	33,423	3,762	26,969
Utah	133,083	119,979	766	2,905	2,489	1,301	5,643
Vermont	37,377	35,108	429	406	522	97	815
Virginia	354,172	273,589	52,881	5,963	14,128	1,127	6,484
Washington	276,484	230,176	9,350	7,528	18,701	4,435	6,294
West Virginia	90,252	83,673	3,384	451	829	155	1,760
Wisconsin	307,902	274,875	12,354	5,545	5,720	2,429	6,979
Wyoming	31,548	28,691	371	1,150	268	454	614

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" survey, 1992.

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Table 6.–Total number of higher education institutions in 50 states and the District of Columbia: Fall 1992

	Total	4-year Public	4-year Private	2-year Public	2-year Private
Total	3611	600	1562	1018	431
Alabama	87	18	18	38	13
Alaska	8	3	3	1	1
Arizona	39	3	15	18	3
Arkansas	34	10	10	10	4
California	320	32	146	108	34
Colorado	59	14	21	15	9
Connecticut	48	8	19	17	4
Delaware	10	2	5	3	0
District of Columbia	18	2	16	0	0
Florida	101	9	50	29	13
Georgia	114	19	31	50	14
Hawaii	17	3	7	7	0
Idaho	11	4	3	2	2
Illinois	163	12	90	47	14
Indiana	78	14	40	14	10
Iowa	61	3	35	17	6
Kansas	50	9	19	20	2
Kentucky	61	8	27	14	12
Louisiana	33	14	11	6	2
Maine	31	8	12	6	5
Maryland	58	15	21	19	3
Massachusetts	117	14	72	17	14
Michigan	101	15	49	30	7
Minnesota	98	10	35	45	8
Mississippi	46	9	12	20	5
Missouri	94	13	54	14	13
Montana	19	6	3	7	3
Nebraska	36	7	15	13	1
Nevada	9	2	2	4	1
New Hampshire	29	5	13	7	4
New Jersey	62	14	23	19	6
New Mexico	31	6	6	17	2
New York	322	44	183	46	49
North Carolina	122	17	38	58	9
North Dakota	20	6	4	9	1
Ohio	165	26	67	36	36
Oklahoma	46	14	11	15	6
Oregon	45	8	23	13	1
Pennsylvania	219	45	103	19	52
Rhode Island	12	2	9	1	0
South Carolina	59	12	22	21	4
South Dakota	19	7	10	1	1
Tennessee	78	10	42	14	12
Texas	176	40	57	65	14
Utah	15	4	3	5	3
Vermont	22	4	14	2	2
Virginia	85	15	33	24	13
Washington	62	8	21	28	5
West Virginia	28	13	10	3	2
Wisconsin	64	13	29	17	5
Wyoming	9	1	0	7	1

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" survey, 1992.

Table 7.--Percentage of HEGIS institutions responding to 1992 IPEDS Fall Enrollment survey

	Total	4-year Public	4-year Private	2-year Public	2-year Private
Total	94.3	98.5	93.7	96.3	85.8
Alabama	95.4	100.0	94.4	94.7	92.3
Alaska	87.5	100.0	100.0	100.0	0.0
Arizona	94.9	100.0	86.7	100.0	100.0
Arkansas	97.1	100.0	100.0	100.0	75.0
California	84.4	100.0	88.4	81.5	61.8
Colorado	94.9	100.0	90.5	100.0	88.9
Connecticut	97.9	100.0	94.7	100.0	100.0
Delaware	100.0	100.0	100.0	100.0	N/A
District of Columbia	94.4	100.0	93.8	N/A	N/A
Florida	94.1	100.0	94.0	100.0	76.9
Georgia	96.5	100.0	93.5	100.0	85.7
Hawaii	94.1	100.0	85.7	100.0	N/A
Idaho	100.0	100.0	100.0	100.0	100.0
Illinois	97.5	91.7	98.9	97.9	92.9
Indiana	97.4	100.0	95.0	100.0	100.0
Iowa	91.8	100.0	94.3	94.1	66.7
Kansas	96.0	88.9	94.7	100.0	100.0
Kentucky	95.1	100.0	100.0	100.0	75.0
Louisiana	100.0	100.0	100.0	100.0	100.0
Maine	100.0	100.0	100.0	100.0	100.0
Maryland	98.3	93.3	100.0	100.0	100.0
Massachusetts	94.0	92.9	97.2	82.4	92.9
Michigan	99.0	100.0	100.0	96.7	100.0
Minnesota	98.0	100.0	97.1	97.8	100.0
Mississippi	95.7	100.0	91.7	100.0	80.0
Missouri	91.5	100.0	94.4	92.9	69.2
Montana	100.0	100.0	100.0	100.0	100.0
Nebraska	94.4	100.0	100.0	84.6	100.0
Nevada	100.0	100.0	100.0	100.0	100.0
New Hampshire	100.0	100.0	100.0	100.0	100.0
New Jersey	100.0	100.0	100.0	100.0	100.0
New Mexico	93.5	100.0	83.3	100.0	50.0
New York	87.6	97.7	79.2	97.8	100.0
North Carolina	99.2	100.0	100.0	100.0	88.9
North Dakota	95.0	100.0	100.0	88.9	100.0
Ohio	90.9	96.2	92.5	100.0	75.0
Oklahoma	95.7	100.0	90.9	100.0	83.3
Oregon	97.8	100.0	100.0	100.0	0.0
Pennsylvania	93.2	97.8	97.1	100.0	78.8
Rhode Island	100.0	100.0	100.0	100.0	N/A
South Carolina	93.2	100.0	95.5	95.2	50.0
South Dakota	89.5	85.7	100.0	0.0	100.0
Tennessee	96.2	100.0	92.9	100.0	100.0
Texas	98.9	97.5	100.0	98.5	100.0
Utah	100.0	100.0	100.0	100.0	100.0
Vermont	100.0	100.0	100.0	100.0	100.0
Virginia	100.0	100.0	100.0	100.0	100.0
Washington	96.8	100.0	90.5	100.0	100.0
West Virginia	100.0	100.0	100.0	100.0	100.0
Wisconsin	95.3	100.0	93.1	94.1	100.0
Wyoming	88.9	100.0	N/A	100.0	N/A

N/A - No representative institutions in this sector.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" survey, 1992.

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Table 8.-- Percentage of IPEDS enrollment data imputed, by state and control of institution: Fall 1992

	Total	4-year Public	4-year Private	2-year Public	2-year Private
Total	2.9	0.7	2.9	4.9	8.5
Alabama	13.4	0.0	0.2	31.0	9.0
Alaska	1.2	0.0	0.0	0.0	100.0
Arizona	1.0	0.0	14.6	0.0	0.0
Arkansas	0.7	0.0	0.0	0.0	44.0
California	11.8	0.0	17.8	15.6	26.6
Colorado	0.9	0.0	6.7	0.0	15.9
Connecticut	0.0	0.0	0.1	0.0	0.0
Delaware	0.0	0.0	0.0	0.0	N/A
District of Columbia	0.1	0.0	0.1	N/A	N/A
Florida	0.4	0.0	0.9	0.0	28.5
Georgia	1.8	0.0	8.3	0.0	12.4
Hawaii	0.1	0.0	0.7	0.0	N/A
Idaho	0.0	0.0	0.0	0.0	0.0
Illinois	3.6	12.4	0.1	0.2	13.8
Indiana	0.5	0.0	2.4	0.0	0.0
Iowa	3.3	0.0	1.0	8.3	17.5
Kansas	0.3	0.1	2.3	0.0	0.0
Kentucky	0.4	0.0	0.0	0.0	17.6
Louisiana	0.0	0.0	0.0	0.0	0.0
Maine	0.0	0.0	0.0	0.0	0.0
Maryland	0.3	0.7	0.0	0.0	0.0
Massachusetts	6.9	6.7	3.4	18.3	0.1
Michigan	0.4	0.0	0.0	1.0	0.0
Minnesota	0.3	0.0	0.3	0.8	0.0
Mississippi	0.2	0.0	0.7	0.0	4.3
Missouri	3.5	0.0	7.7	3.3	13.3
Montana	0.0	0.0	0.0	0.0	0.0
Nebraska	5.3	0.0	0.0	15.3	0.0
Nevada	0.0	0.0	0.0	0.0	0.0
New Hampshire	0.0	0.0	0.0	0.0	0.0
New Jersey	0.0	0.0	0.0	0.0	0.0
New Mexico	1.6	0.0	27.7	0.0	77.8
New York	1.3	0.3	1.8	1.9	0.0
North Carolina	0.0	0.0	0.0	0.0	4.8
North Dakota	0.5	0.0	0.0	2.4	0.0
Ohio	0.9	0.3	1.8	0.0	10.0
Oklahoma	0.9	0.0	0.6	0.0	45.0
Oregon	0.2	0.0	0.0	0.0	100.0
Pennsylvania	0.9	1.2	0.1	0.0	5.2
Rhode Island	0.0	0.0	0.0	0.0	N/A
South Carolina	3.0	0.0	9.2	3.1	47.8
South Dakota	2.5	2.6	0.0	100.0	0.0
Tennessee	1.4	0.0	7.0	0.0	0.0
Texas	0.9	1.4	0.0	0.6	0.0
Utah	0.0	0.0	0.0	0.0	0.0
Vermont	0.0	0.0	0.0	0.0	0.0
Virginia	0.0	0.0	0.0	0.0	0.0
Washington	0.7	0.0	5.4	0.0	0.0
West Virginia	0.0	0.0	0.0	0.0	0.0
Wisconsin	0.6	0.0	0.2	1.6	0.0
Wyoming	2.7	0.0	N/A	0.0	100.0

N/A - No representative institutions in this sector.

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System "Fall Enrollment" survey, 1992.

Technical Notes

Data Sources

In this E.D. Tabs, the enrollment statistics for racial/ethnic categories are derived from two data sources. The information for 1982 through 1984 comes from data reported biennially by institutions of higher education in the Higher Education General Information Survey (HEGIS), "Fall Enrollment and Compliance Report of Institutions of Higher Education." The data for 1986 through 1992 are from the Integrated Postsecondary Education Data System (IPEDS) "Fall Enrollment" survey. The IPEDS data were reported biennially between 1986 and 1990, and annually since 1990.

Note that data reported here for 1990 and 1991 differ somewhat from those reported in other sources. Modifications have been made to the 1990 and 1991 data with the addition of late arriving data as well as corrections and updates forwarded by institutions.

Data for this E.D. TABS are exclusively from higher education institutions in the 50 States and the District of Columbia. Data from noncollegiate institutions (which were sampled) are not included.

Imputations [2]

Although the HEGIS and IPEDS data reported here are historically comparable in terms of the reporting institutions (i.e., those accredited at the college level by agencies recognized by the Secretary, U.S. Department of Education), there are some differences in the imputation procedures used in the two surveys.

In the case of totally nonresponding institutions (i.e., those that did not return an enrollment survey form), HEGIS data were imputed whenever possible by using previously reported information. In a few cases, imputations could not be performed; thus, enrollment by racial/ethnic category was slightly less than the total enrollment reported by the institutions. However, this was not a major problem because totals by racial/ethnic category were always within 0.3 percent of the actual totals. In IPEDS, a procedure similar to that used for the prior HEGIS surveys was followed, except that "hot-deck" imputations (computer matching with a similar institution of higher education) were performed when previously reported data were unavailable.

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[2] In the fall of 1992, the response rate was 94.3 percent for institutions of higher education, while in the fall of 1991 the rate was 90.9 percent (table 7). For 1992, imputed enrollment data (for nonresponding institutions and those with incomplete data) accounted for .7 percent of the data for 4-year public institutions, and 4.9 percent for 2-year public institutions. The proportion of imputed data in 4-year private institutions was 2.9 percent and in 2-year private institutions it was 8.5 percent. For a discussion regarding imputations, see the cautionary notes at the end of these notes.

For responding institutions with incomplete or missing data for racial/ethnic categories, the imputation procedures were as follows:

- The difference between the sum of the data across the racial/ethnic categories and the reported totals was redistributed in proportion to the institution's reported racial/ethnic enrollment.

- For IPEDS institutions that did not report students by racial/ethnic categories, data were imputed by using the same proportions reported for each racial/ethnic category at the state level for a given type and control of institution. Prior to 1986 (i.e., HEGIS survey years), data were imputed only for institutional totals and not across racial/ethnic categories.

- Data reported in the "race/ethnicity unknown" category were distributed back in proportion to the reported data in the manner described above; however, "race/ethnicity unknown" data were not distributed to the "nonresident alien" category.

Race/Ethnicity Unknown

Beginning in 1990, the category "race/ethnicity unknown" was incorporated into the fall enrollment survey. To allow for analysis of enrollment trends by race/ethnicity, the race/ethnicity unknown data were distributed across all racial/ethnic categories in proportion to the reported data (see description of distribution process under the imputation procedures discussed above). As a result of the distribution process, enrollment counts increased proportionately for all racial/ethnic categories.

Cautionary Notes

Table 4 contains data by level of study (undergraduate, graduate, and first-professional), which may differ from data in other NCES publications. Specifically, HEGIS data, which appear in publications prior to 1986, contained information on unclassified students by level (only undergraduate and graduate student categories).

The reader should be cautious when interpreting data by type and control of institution because data for 2-year public and private institutions were imputed at a higher rate than data for 4-year institutions. Data for these institutions were totally imputed in some states, although few institutions may exist in these states (see table 6 for number of HEGIS institutions in each state by level and control). The larger percentage of imputed data affects the quality of the data in the 2-year sector at the national level. The reader should refer to table 8 which reports the percentage of enrollment that was imputed, by type and by control of institution for each state.

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